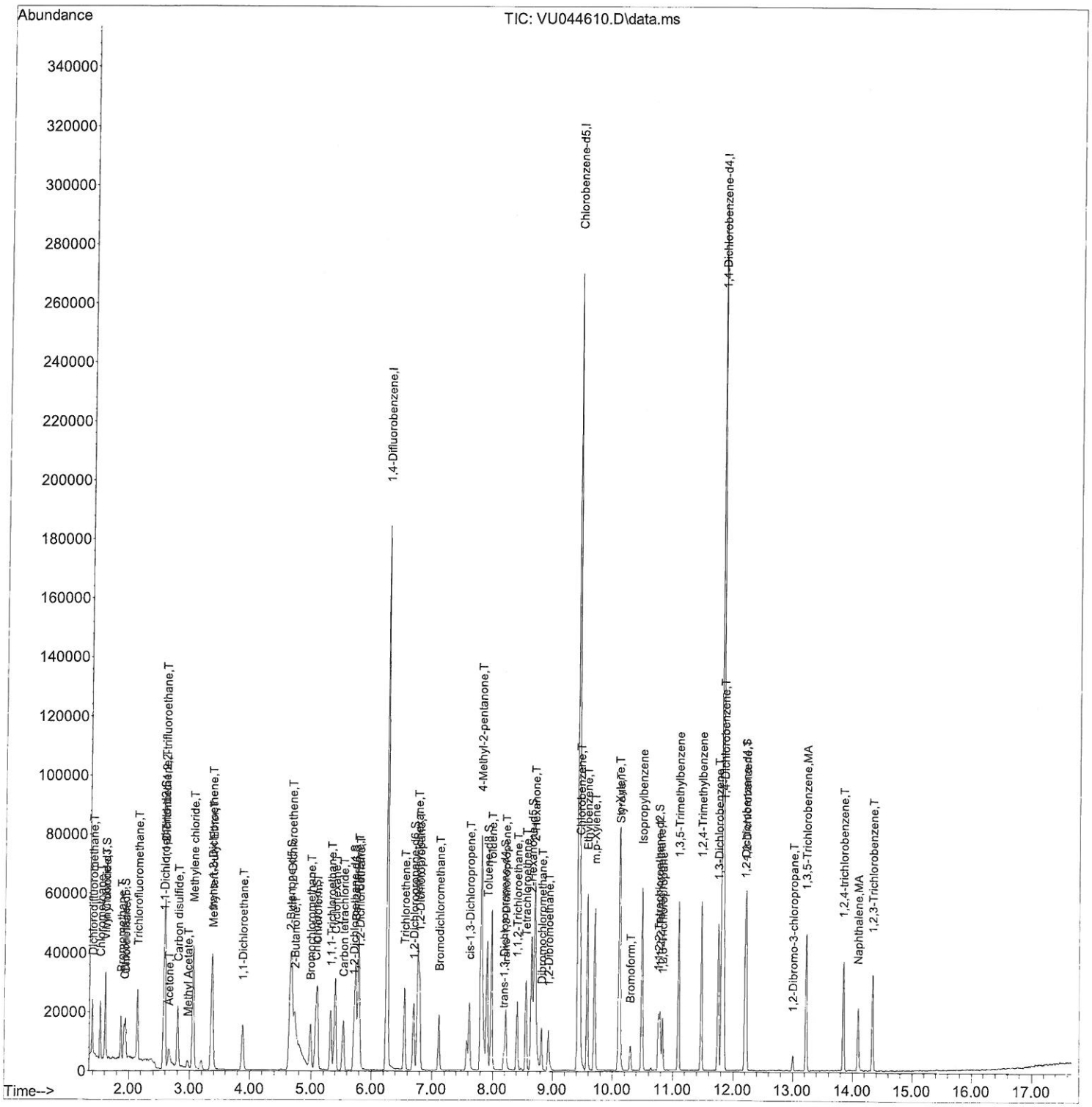
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
Data File : VU044610.D
Acq On : 09 Sep 2021 13:06
Operator : SY/MD
Sample : VSTD00122
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 10 01:06:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 10 01:05:30 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD001022

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:08 AM



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
Data File : VU044610.D
Acq On : 09 Sep 2021 13:06
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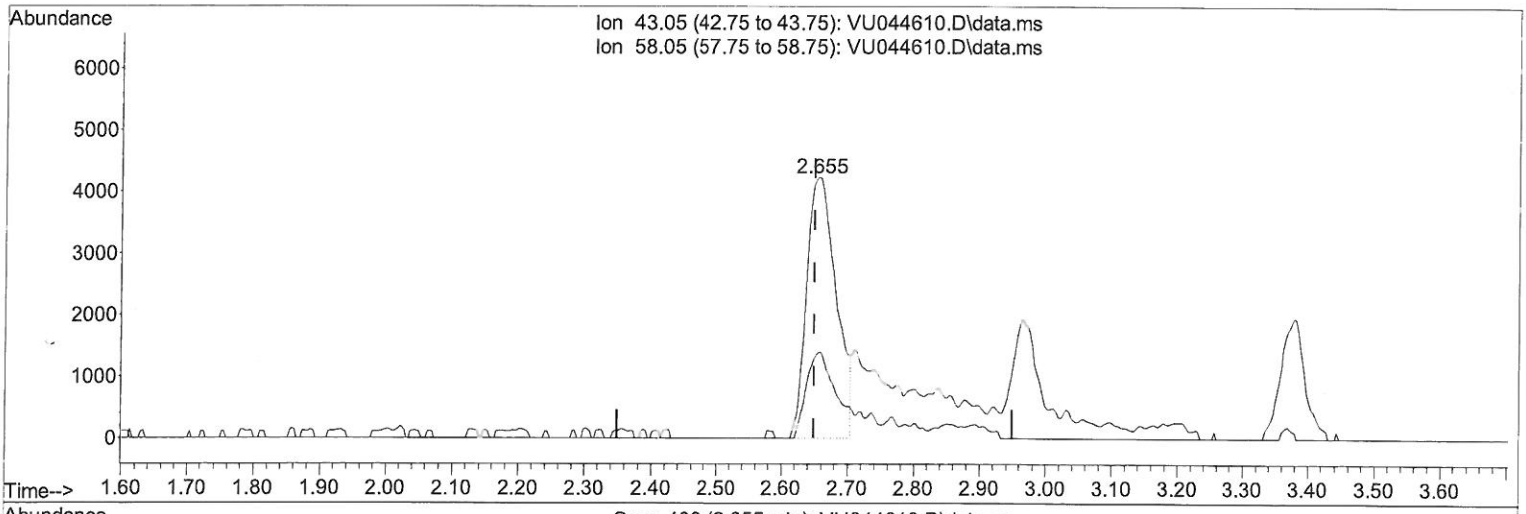

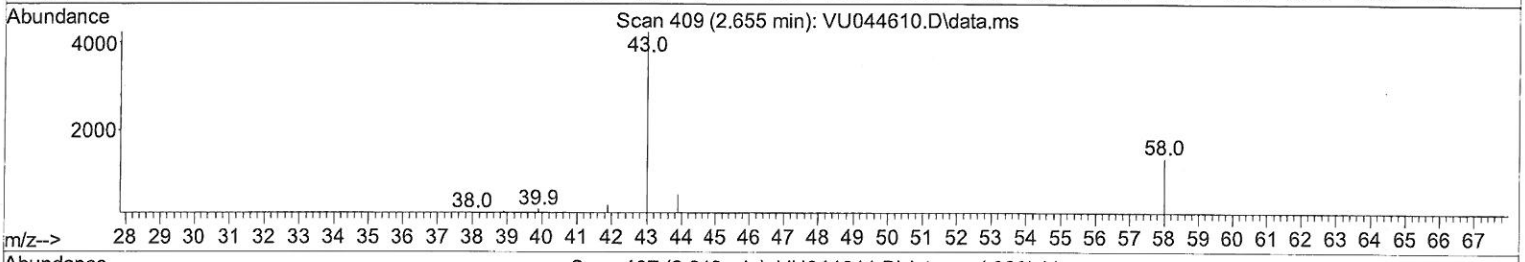

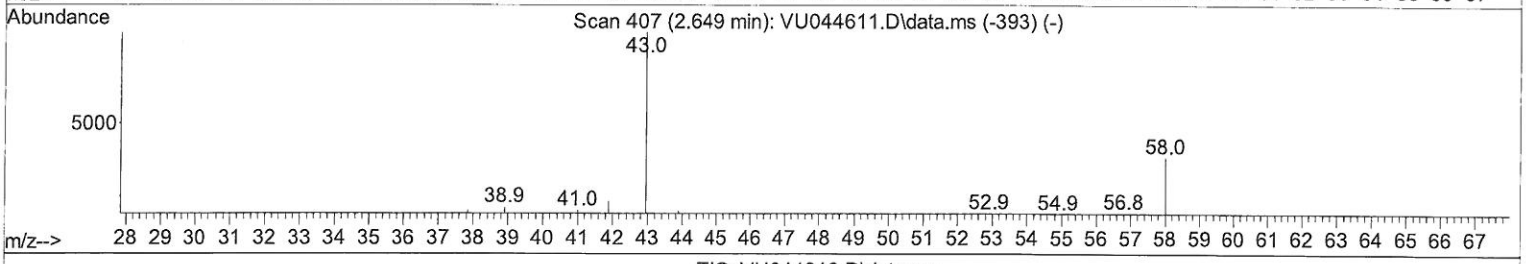

TIC: VU044610.D\data.ms

(13) Acetone (T)

2.655min (+ 0.006) 5.11 ug/L

response 13033

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	21.20	33.52
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
Data File : VU044610.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 10 01:05:30 2021
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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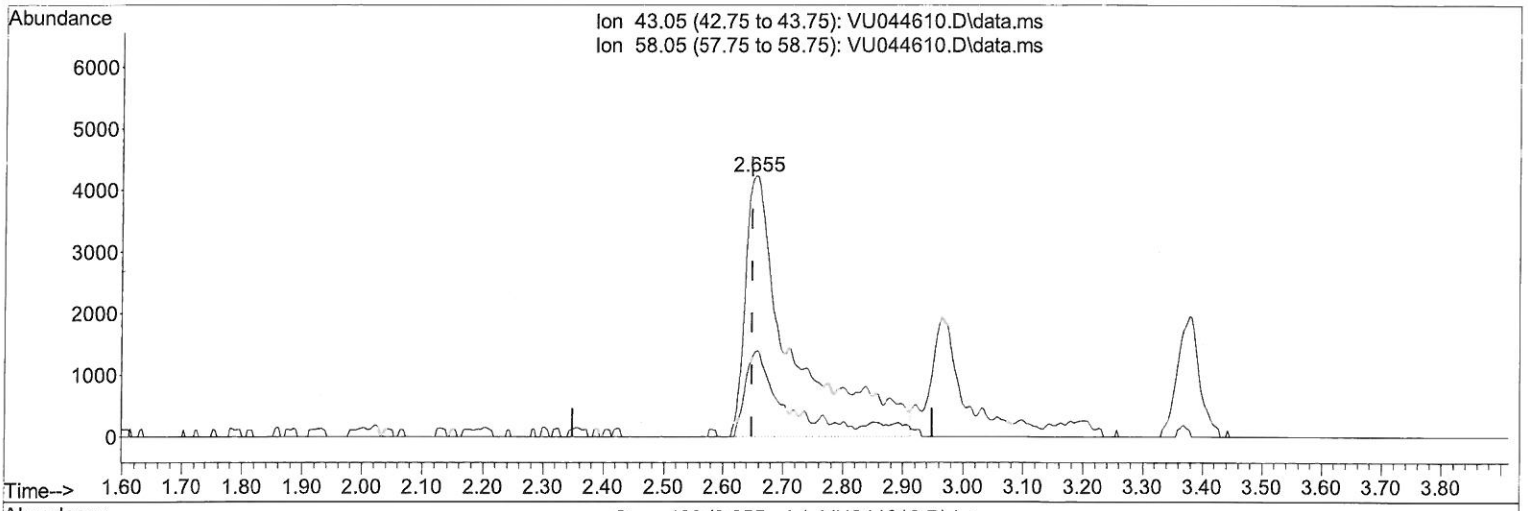
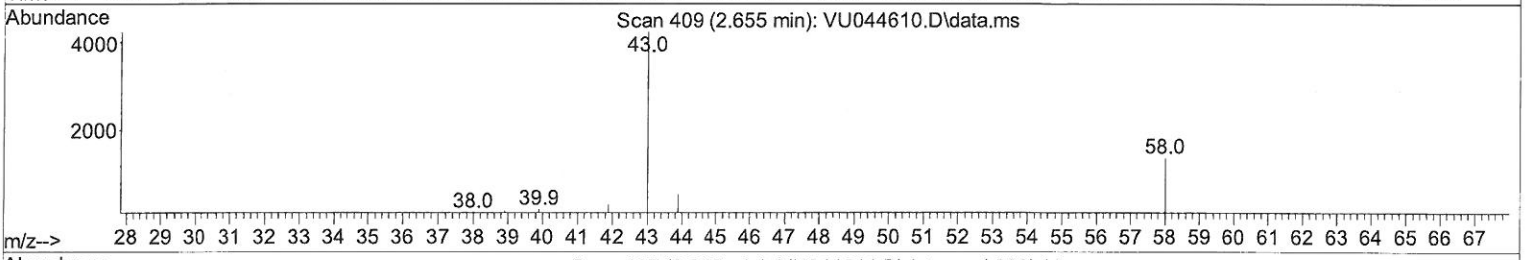
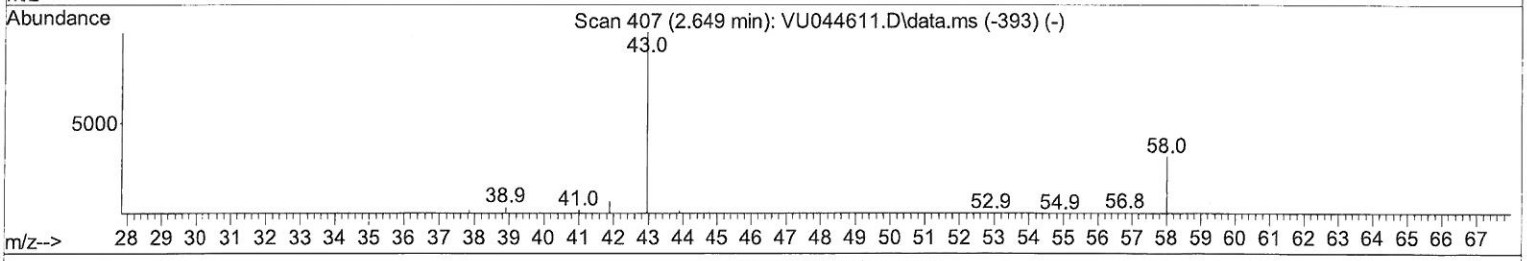
Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:08 AM







TIC: VU044610.D\data.ms

(13) Acetone (T)

2.655min (+ 0.006) 8.98 ug/L m md 9/10/21

response 22934

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	21.20	19.05
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
Data File : VU044610.D
Acq On : 09 Sep 2021 13:06
Operator : SY/MD
Sample : VSTD00122
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 10 01:06:40 2021
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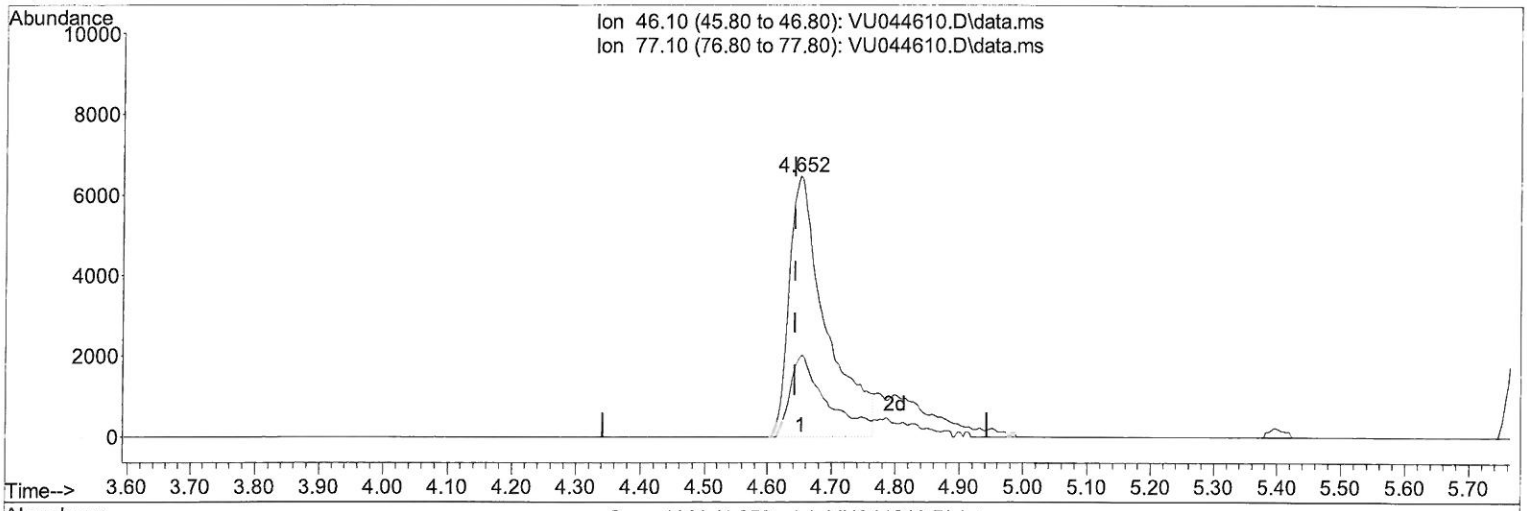
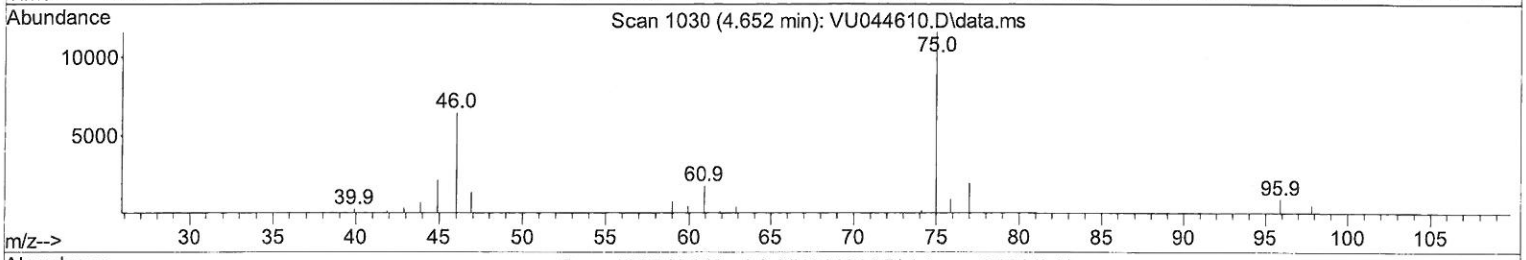
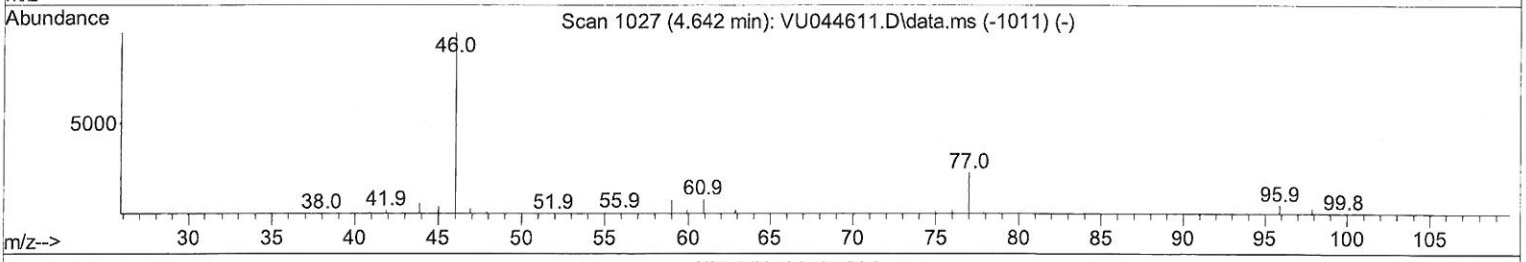
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 10 01:05:30 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD001022

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:08 AM







TIC: VU044610.D\data.ms

(20) 2-Butanone-d5 (S)

4.652min (+ 0.009) 8.08 ug/L

response 25801

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	29.12#
0.00	0.00	0.00
0.00	0.00	0.00

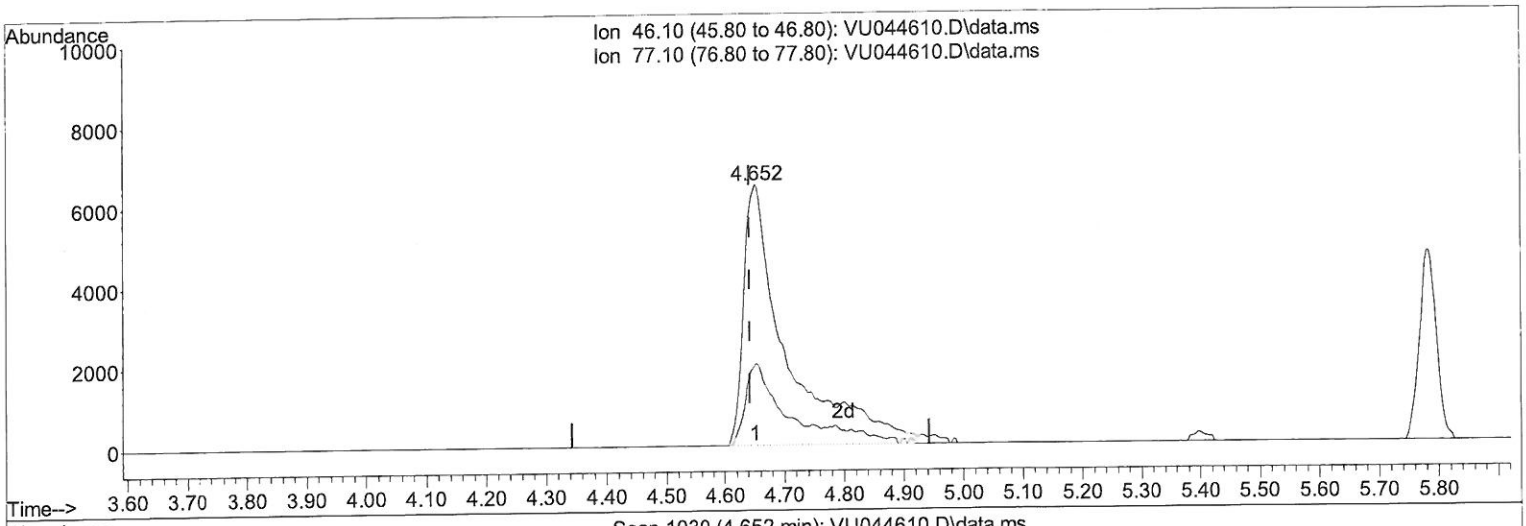
Quantitation Report (Qedit)

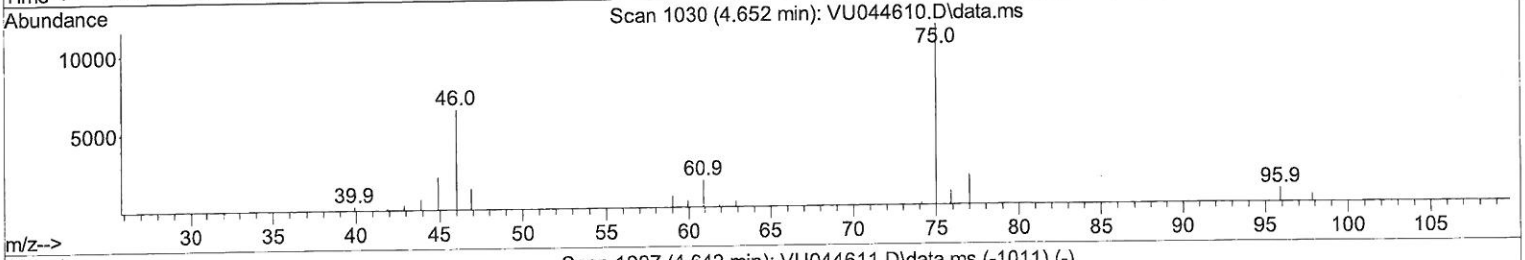
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
Data File : VU044610.D
Acq On : 09 Sep 2021 13:06
Operator : SY/MD
Sample : VSTD00122
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

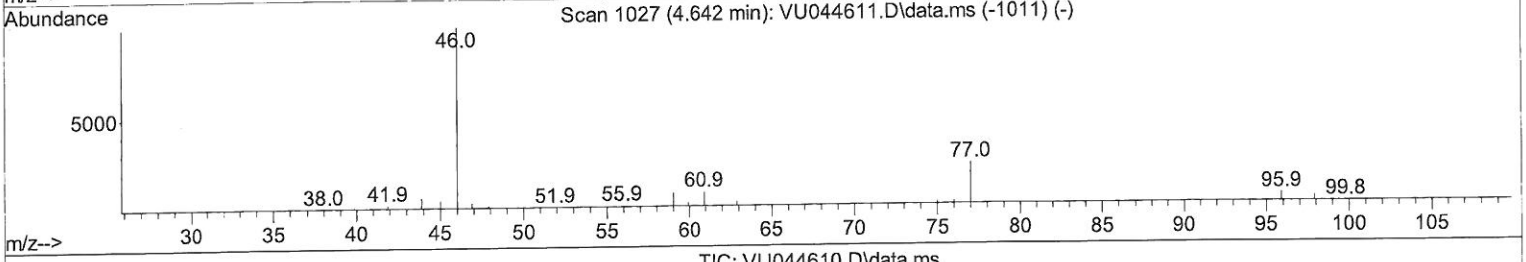
Quant Time: Sep 10 01:06:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 10 01:05:30 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD001022

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:08 AM







TIC: VU044610.D\data.ms

(20) 2-Butanone-d5 (S)

4.652min (+ 0.009) 10.02 ug/L m

response 32006

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	23.48#
0.00	0.00	0.00
0.00	0.00	0.00

MD 09/10/21

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
Data File : VU044610.D
Acq On : 09 Sep 2021 13:06
Operator : SY/MD
Sample : VSTD00122
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 10 01:06:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 10 01:05:30 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD001022

Manual Integrations APPROVED
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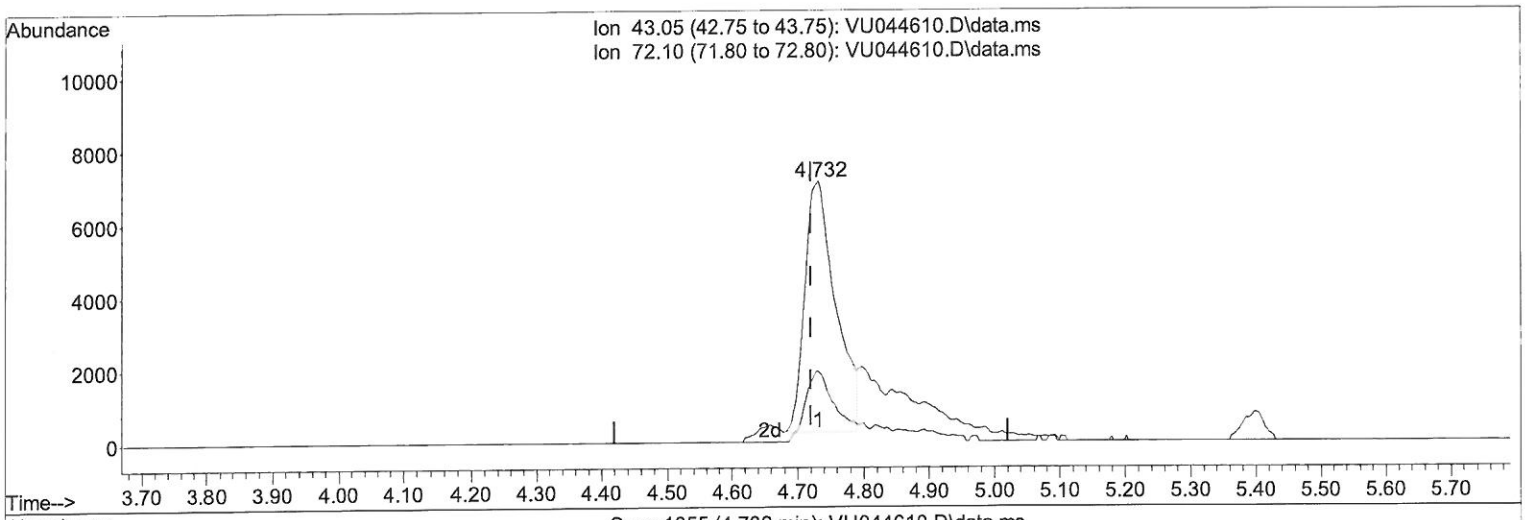
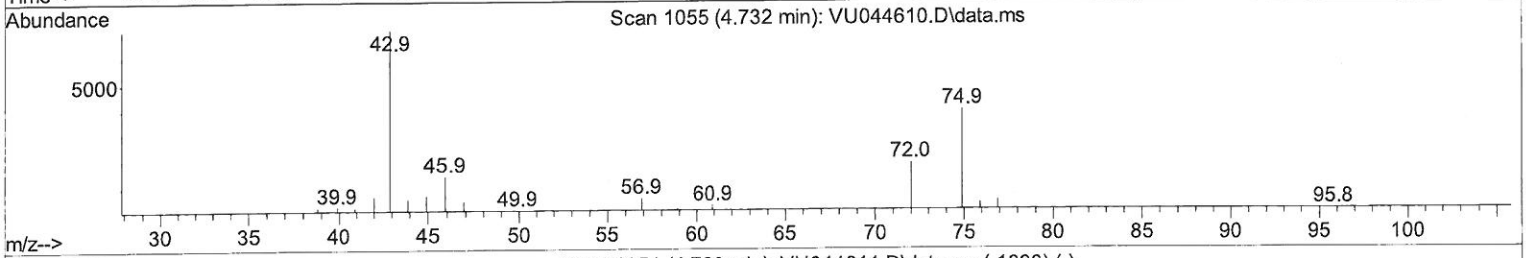
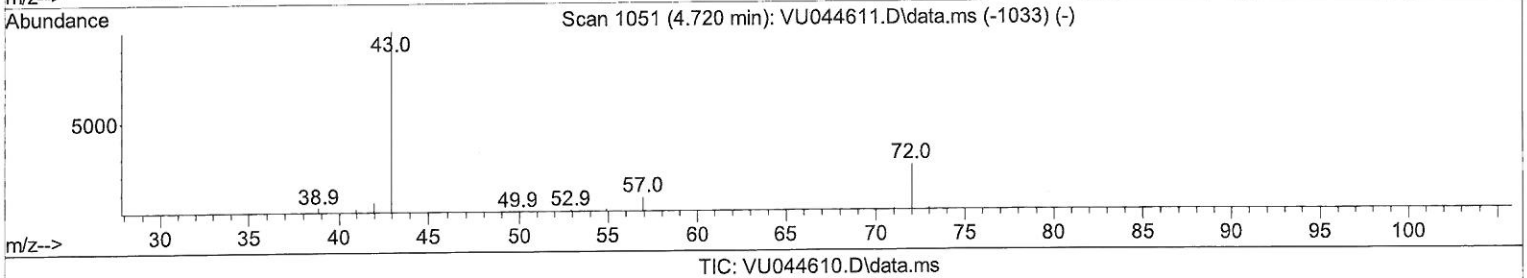
9/10/2021 10:50:08 AM







TIC: VU044610.D\data.ms

(21) 2-Butanone (T)

4.732min (+ 0.013) 6.03 ug/L

response 22267

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	18.30	27.83#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
Data File : VU044610.D
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Operator : SY/MD
Sample : VSTD00122
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 10 01:06:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
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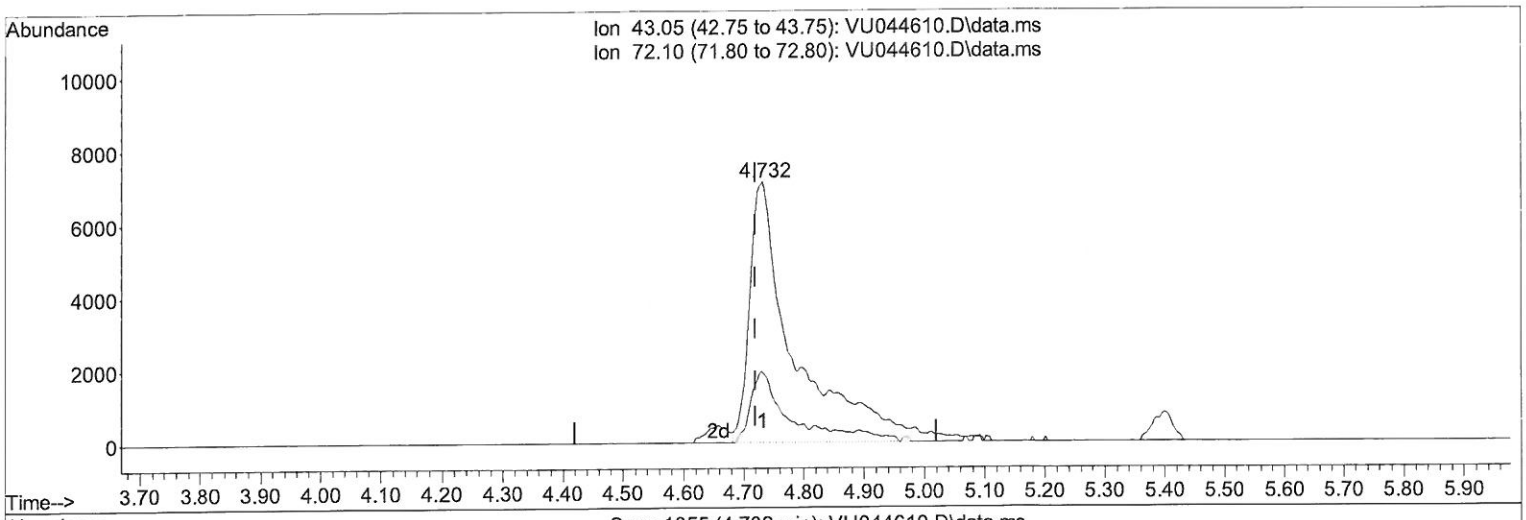
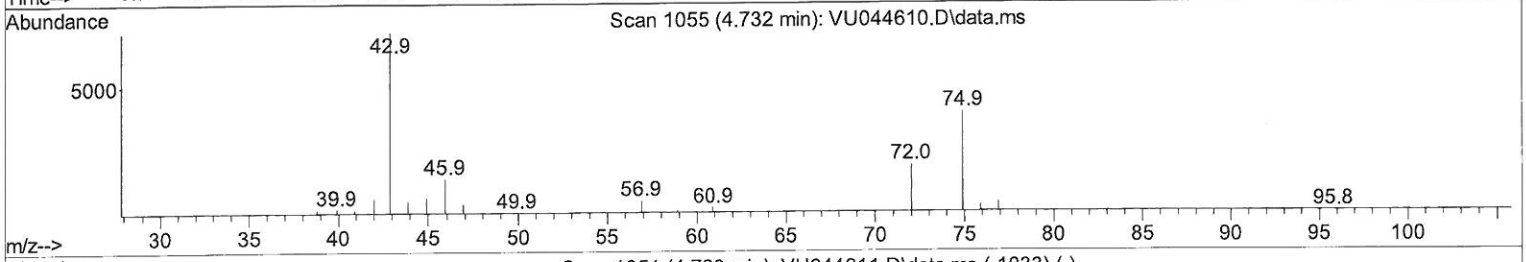
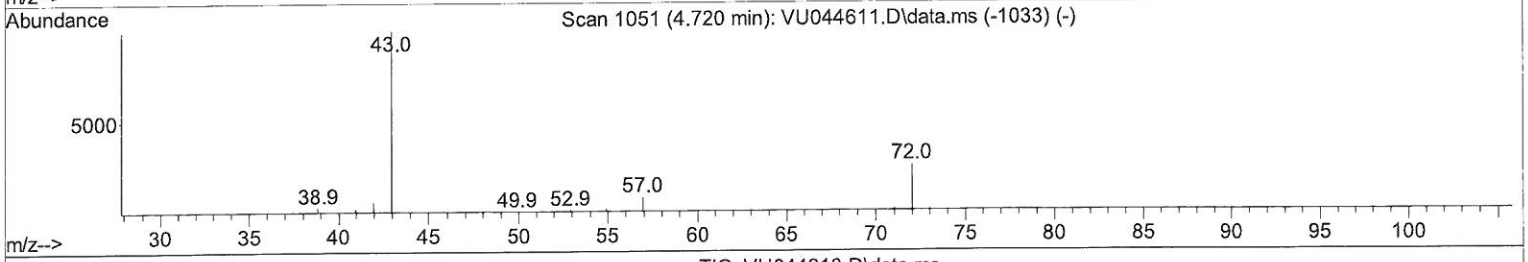
Instrument :
MSVOA_U
ClientSampleId :
VSTD001022

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:08 AM







TIC: VU044610.D\data.ms

(21) 2-Butanone (T)

4.732min (+ 0.013) 9.71 ug/L m ? MD 29/10/21

response 35886

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	18.30	17.27
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Sample : VSTD00122
Misc : 25.0mL/MSVOA_U/WATER
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Instrument : MSVOA_U
ClientSampleId : VSTD001022

Manual Integrations APPROVED
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9/10/2021 10:50:08 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	138285	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	143069	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	71840	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	8079	0.748	ug/L	0.00
7) Chloroethane-d5	1.919	69	8201	0.857	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	3791	0.804	ug/L	0.00
20) 2-Butanone-d5	4.652	46	32006m	10.023	ug/L	0.00
24) Chloroform-d	5.073	84	15990	0.826	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	9822	0.908	ug/L	0.00
32) Benzene-d6	5.735	84	33017	0.819	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	10944	0.847	ug/L	0.00
41) Toluene-d8	7.906	98	27345	0.766	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	3433	0.741	ug/L	0.00
46) 2-Hexanone-d5	8.648	63	21780	8.432	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	9281	0.846	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	10454	0.859	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	10737	0.789	ug/L	99
3) Chloromethane	1.520	50	13088	0.739	ug/L	98
5) Vinyl chloride	1.607	62	12815	0.775	ug/L	96
6) Bromomethane	1.861	94	6843	0.765	ug/L	89
8) Chloroethane	1.938	64	8248	0.806	ug/L	97
9) Trichlorofluoromethane	2.144	101	14833	0.782	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	8794	0.831	ug/L	96
12) 1,1-Dichloroethene	2.587	96	8413	0.812	ug/L	91
13) Acetone	2.655	43	22934m	8.984	ug/L	
14) Carbon disulfide	2.800	76	26244	0.788	ug/L	97
15) Methyl Acetate	2.964	43	3261	0.810	ug/L	94
16) Methylene chloride	3.054	84	18912	1.183	ug/L	96
17) Methyl tert-butyl Ether	3.375	73	22457	0.834	ug/L	100
18) trans-1,2-Dichloroethene	3.366	96	8777	0.812	ug/L	96
19) 1,1-Dichloroethane	3.880	63	18198	0.858	ug/L	98
21) 2-Butanone	4.732	43	35886m	9.713	ug/L	
22) cis-1,2-Dichloroethene	4.677	96	9686	0.839	ug/L	95
23) Bromochloromethane	4.983	128	4352	0.867	ug/L	94
25) Chloroform	5.095	83	19770	0.897	ug/L	98
27) 1,2-Dichloroethane	5.803	62	12782	0.887	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	14332	0.815	ug/L	99
30) Cyclohexane	5.398	56	15325	0.785	ug/L	98
31) Carbon tetrachloride	5.533	117	11105	0.775	ug/L	98
33) Benzene	5.783	78	38156	0.799	ug/L	100
34) Trichloroethene	6.549	95	9405	0.795	ug/L	96
35) Methylcyclohexane	6.767	83	14577	0.744	ug/L	97
37) 1,2-Dichloropropane	6.796	63	10596	0.844	ug/L	98
38) Bromodichloromethane	7.115	83	12563	0.820	ug/L	95
39) cis-1,3-Dichloropropene	7.616	75	14061	0.798	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	76120	8.739	ug/L	99
42) Toluene	7.976	91	37990	0.761	ug/L	99

MD 09/10/21

MD 09/10/21

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 10 01:05:30 2021
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTD001022

Manual Integrations APPROVED
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9/10/2021 10:50:08 AM

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.217	75	11490	0.767 ug/L	88
45) 1,1,2-Trichloroethane	8.407	97	7376	0.827 ug/L	95
47) Tetrachloroethene	8.558	164	6311	0.769 ug/L	89
48) 2-Hexanone	8.700	43	55427	8.830 ug/L	96
49) Dibromochloromethane	8.816	129	7379	0.784 ug/L	93
50) 1,2-Dibromoethane	8.931	107	6832	0.801 ug/L	95
51) Chlorobenzene	9.452	112	24851	0.814 ug/L	99
52) Ethylbenzene	9.574	91	41070	0.780 ug/L	100
53) m,p-Xylene	9.700	106	15637	0.789 ug/L	98
54) o-Xylene	10.105	106	14790	0.771 ug/L	98
55) Styrene	10.121	104	24353	0.758 ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	9983	0.851 ug/L	98
59) Bromoform	10.301	173	3893	0.783 ug/L #	98
60) Isopropylbenzene	10.491	105	38656	0.754 ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	7624	0.860 ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	30782	0.734 ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	31159	0.725 ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	18932	0.835 ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	19894	0.865 ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	17971	0.833 ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	1499	0.815 ug/L	88
69) 1,3,5-Trichlorobenzene	13.224	180	13688	0.847 ug/L	96
70) 1,2,4-trichlorobenzene	13.844	180	10666	0.834 ug/L	99
71) Naphthalene	14.092	128	17381	0.718 ug/L	98
72) 1,2,3-Trichlorobenzene	14.336	180	9357	0.800 ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed